

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001279.D
 Acq On : 01 May 2018 15:24
 Operator : JC/MD
 Sample : J2616-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROBEL-1

Quant Time: May 02 05:03:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

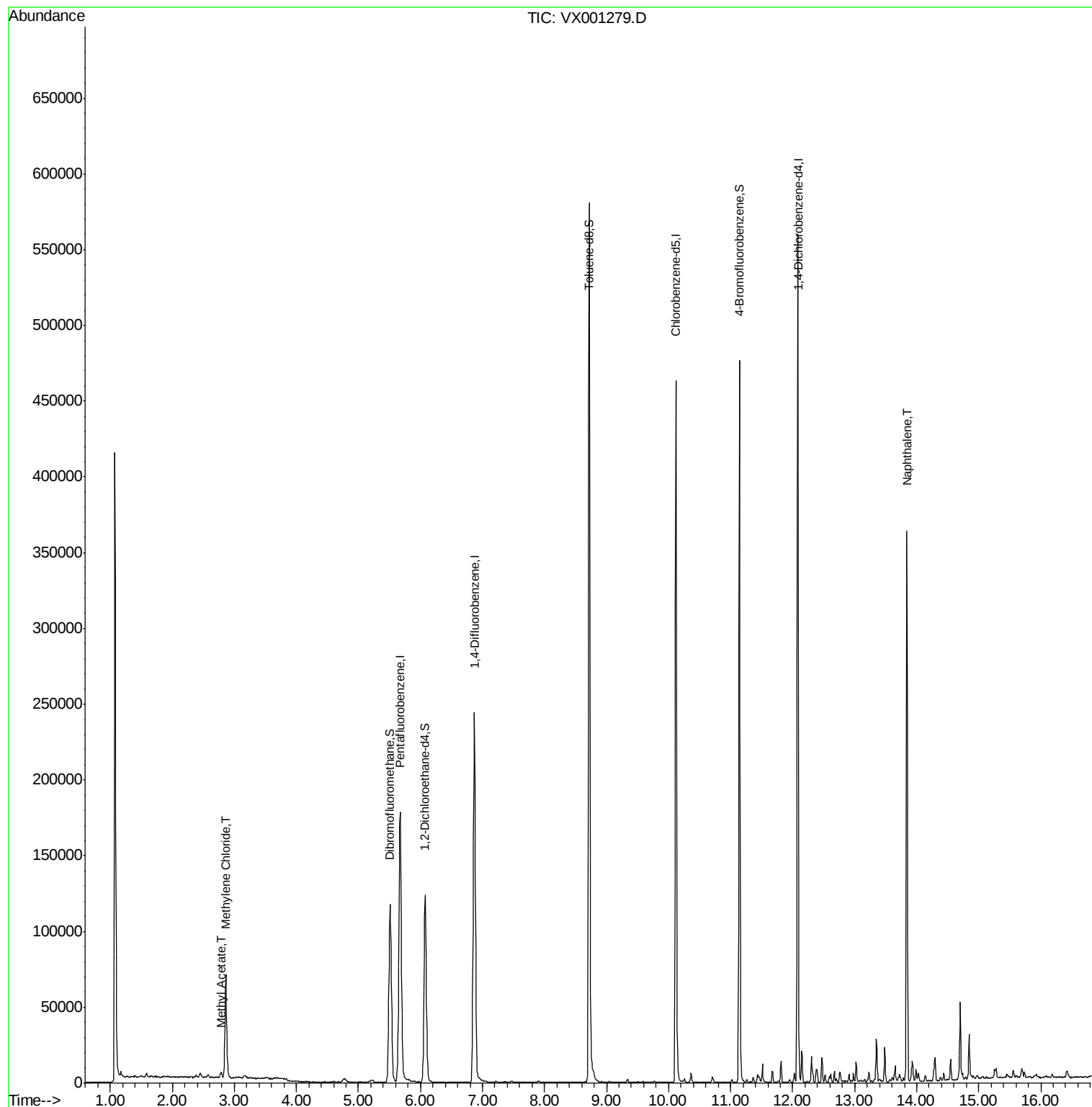
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116138	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
35) Dibromofluoromethane	5.51	113	95480	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
50) Toluene-d8	8.72	98	352046	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	11.14	95	115363	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
Target Compounds						
18) Methyl Acetate	2.78	43	4448	1.66	ug/l	95
20) Methylene Chloride	2.86	84	31793	14.42	ug/l	97
95) Naphthalene	13.84	128	220735	24.62	ug/l	99

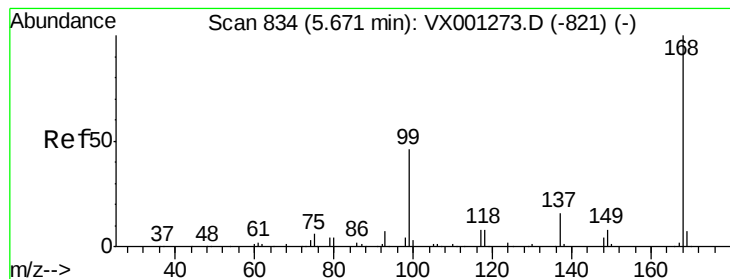
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

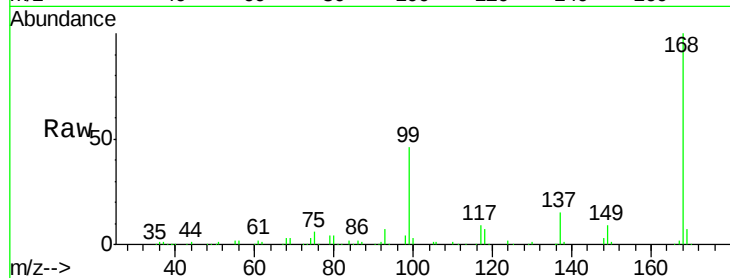
ROBEL-1

Tot Ion:168 Resp: 191765

Ion Ratio Lower Upper

168 100

99 45.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

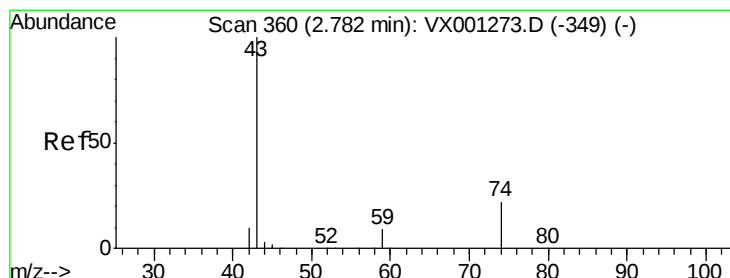
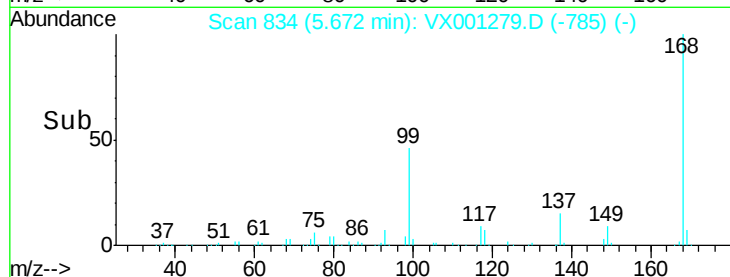
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.66 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001279.D

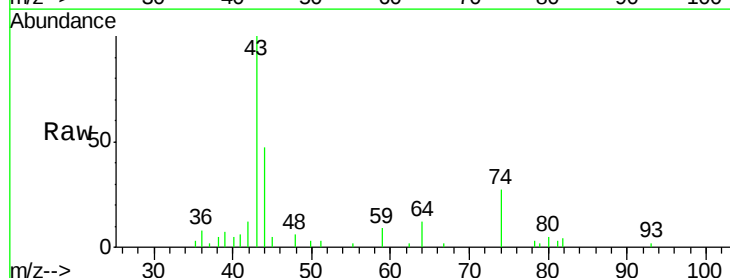
Acq: 01 May 2018 15:24

Tgt Ion: 43 Resp: 4448

Ion Ratio Lower Upper

43 100

74 24.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

2500

2000

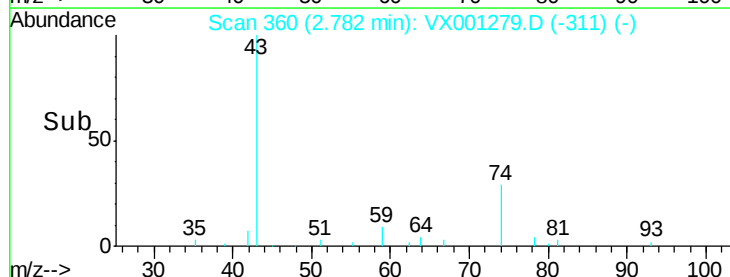
1500

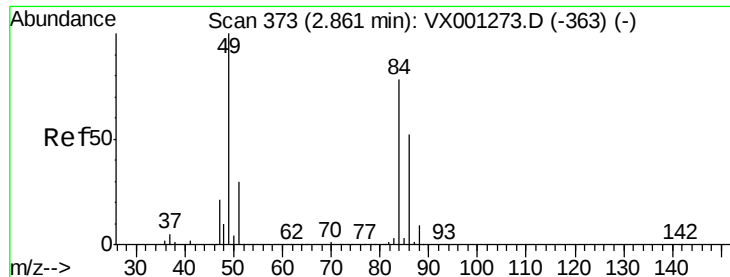
1000

500

0

Time--> 2.70 2.75 2.80 2.85

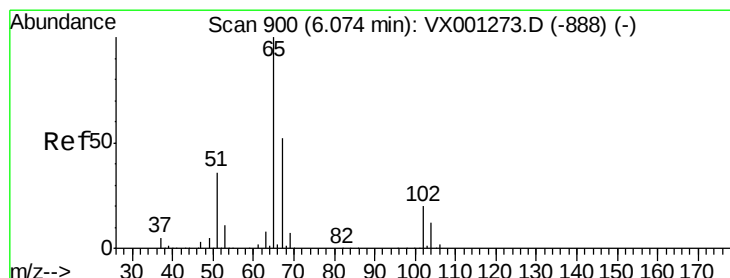
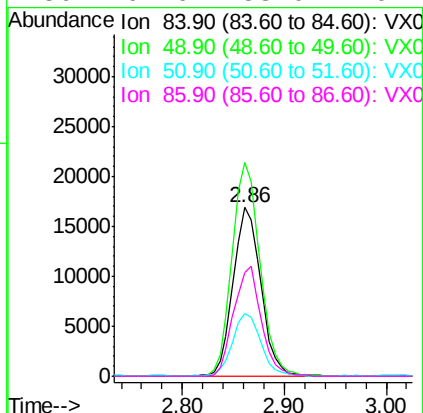
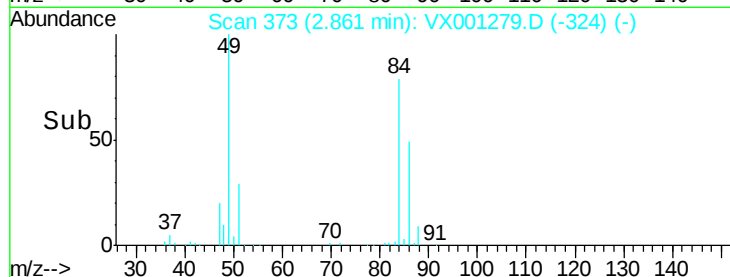
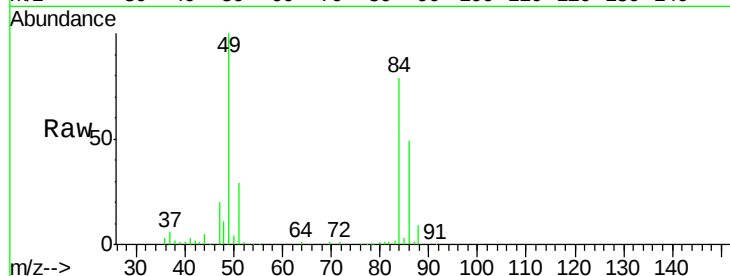




#20
Methvlene Chloride
Concen: 14.42 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

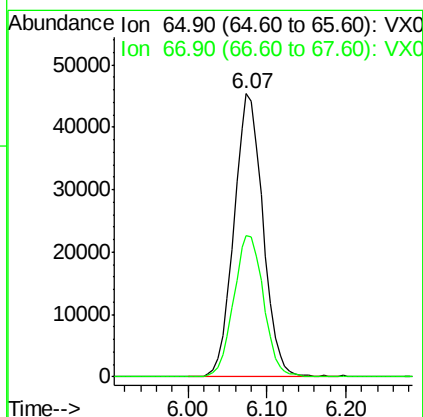
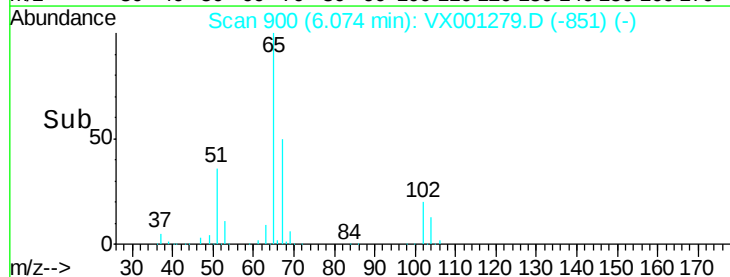
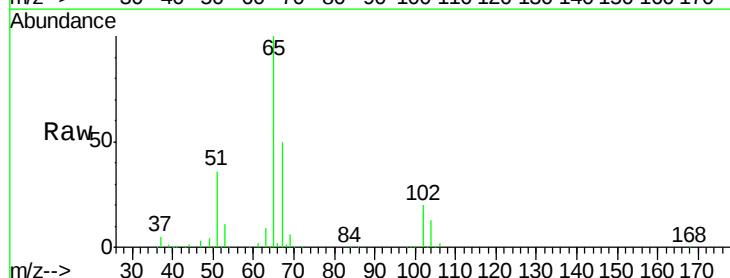
Instrument :
MSVOA_X
ClientSampleId :
ROBEL-1

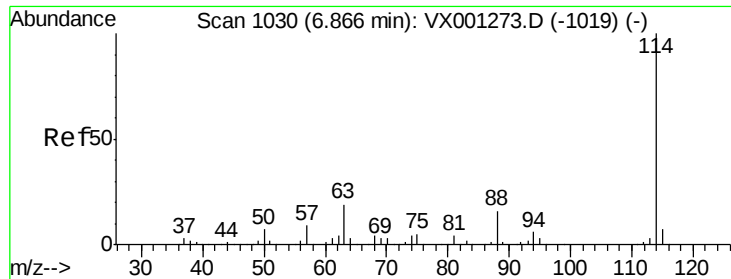
Tot Ion: 84 Resp: 31793
Ion Ratio Lower Upper
84 100
49 126.9 102.8 154.2
51 37.3 30.9 46.3
86 61.6 53.0 79.4



#33
1,2-Dichloroethane-d4
Concen: 43.75 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Tgt Ion: 65 Resp: 116138
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.8

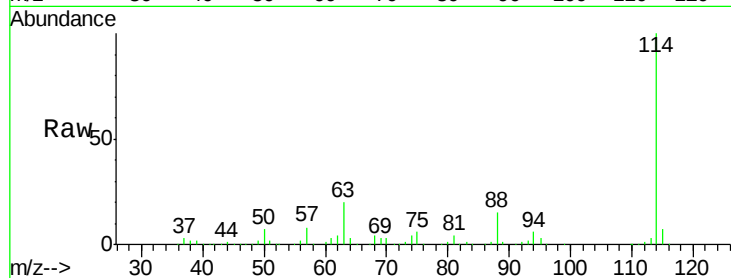




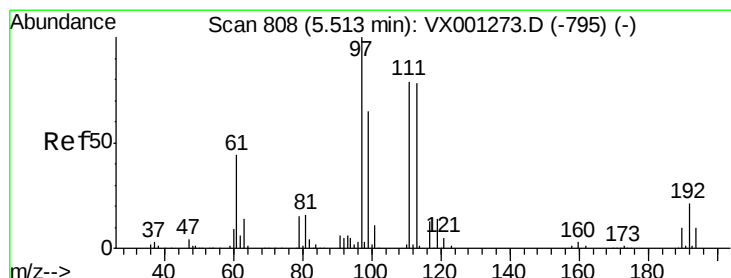
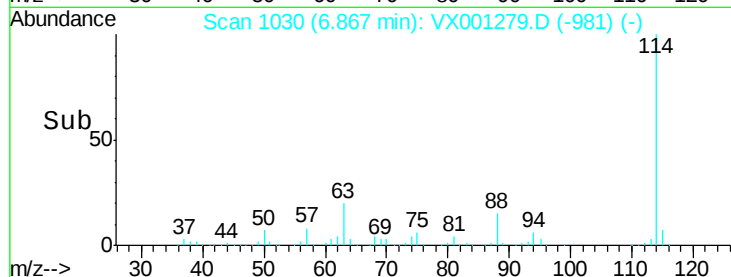
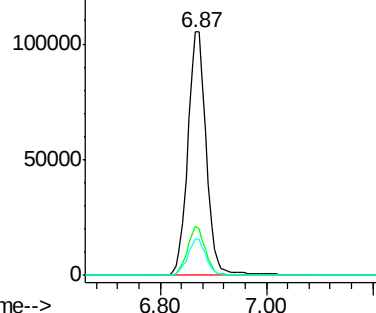
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

Instrument :
 MSVOA_X
 ClientSampled :
 ROBEL-1

Tot Ion:114 Resp: 255545
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 14.9 0.0 32.2

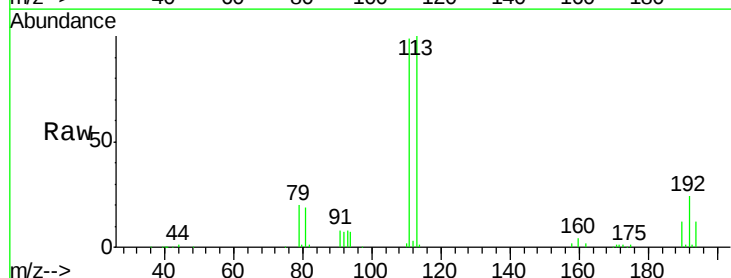


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

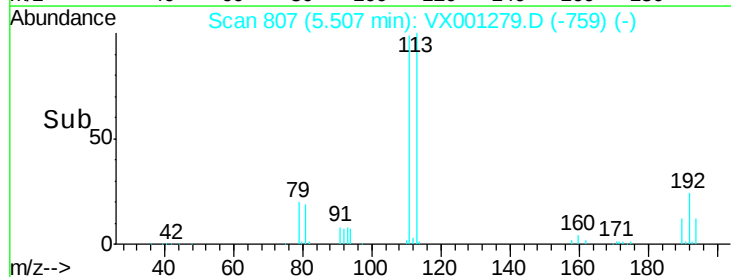
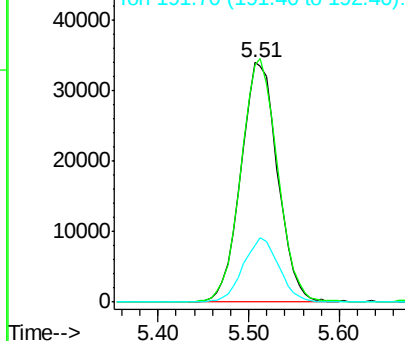


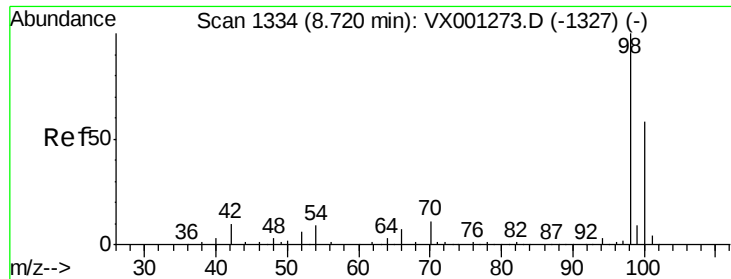
#35
 Dibromofluoromethane
 Concen: 43.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001279.D
 Acq: 01 May 2018 15:24

Tgt Ion:113 Resp: 95480
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.2 121.8
 192 26.0 20.7 31.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

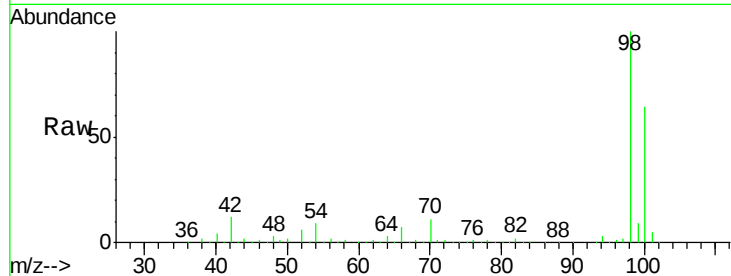
ROBEL-1

Tot Ion: 98 Resp: 352046

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

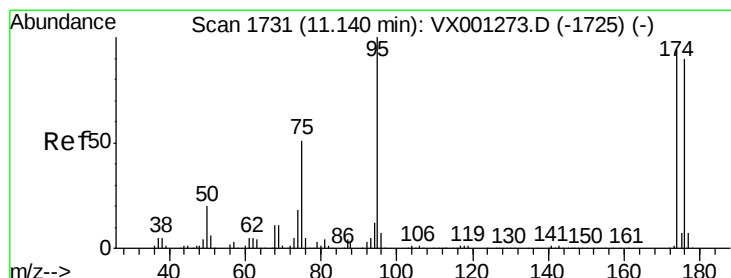
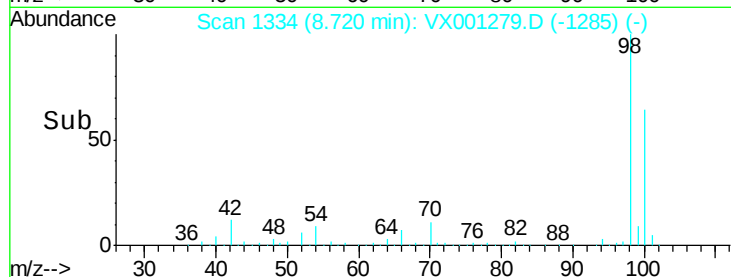
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

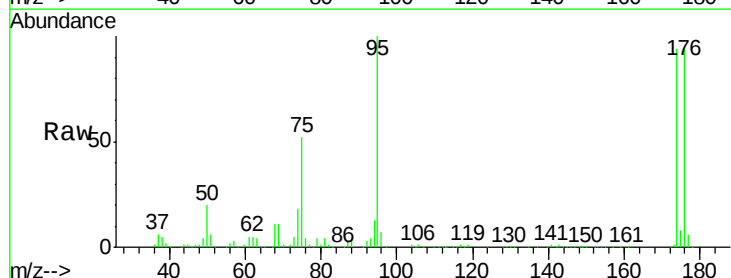
Tgt Ion: 95 Resp: 115363

Ion Ratio Lower Upper

95 100

174 100.7 0.0 201.8

176 100.3 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

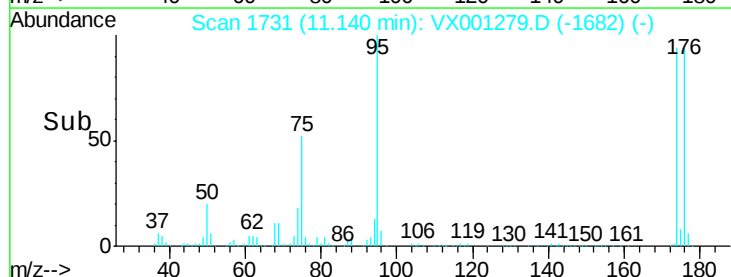
60000

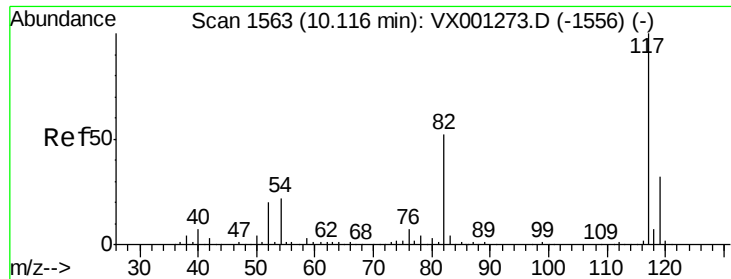
40000

20000

0

Time-->

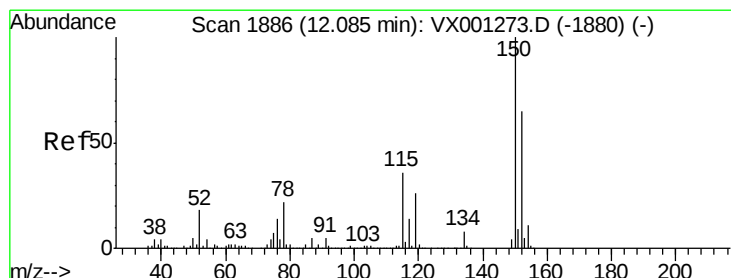
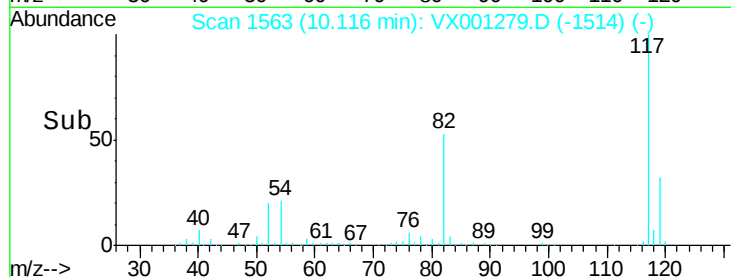
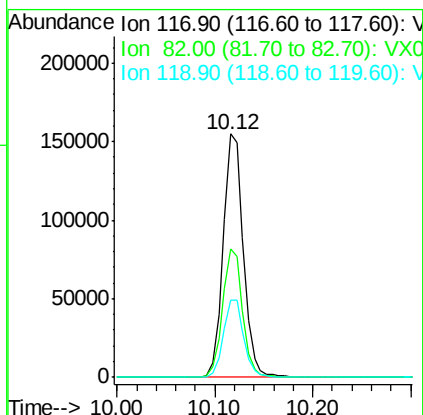
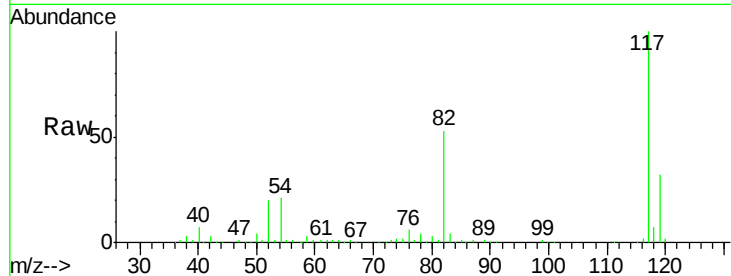




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

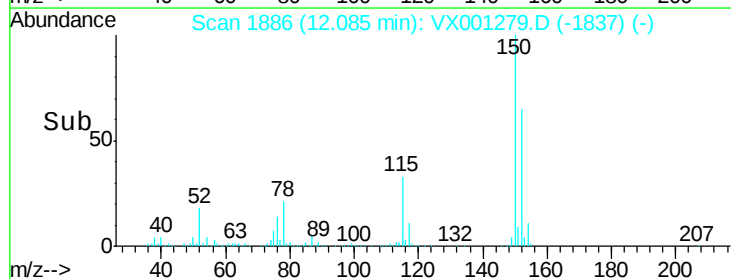
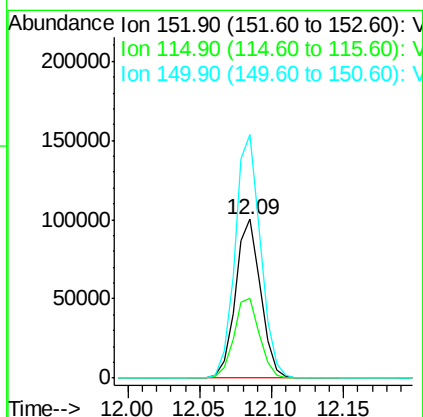
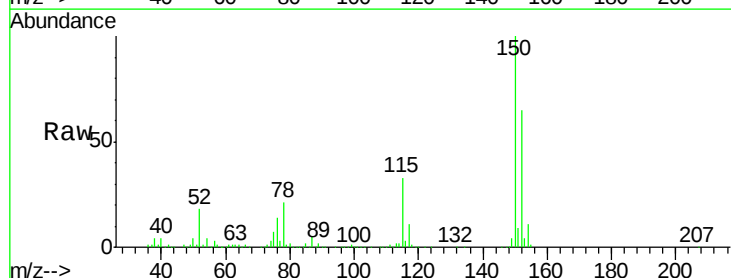
Instrument :
MSVOA_X
ClientSampleId :
ROBEL-1

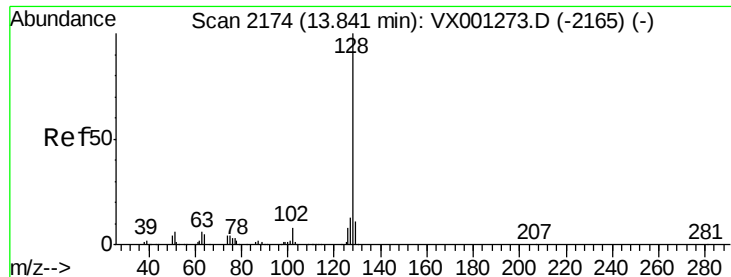
Tot Ion:117 Resp: 222036
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001279.D
Acq: 01 May 2018 15:24

Tgt Ion:152 Resp: 122499
Ion Ratio Lower Upper
152 100
115 51.7 38.6 115.7
150 155.2 0.0 349.2





#95

Naphthalene

Concen: 24.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001279.D

Acq: 01 May 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-1

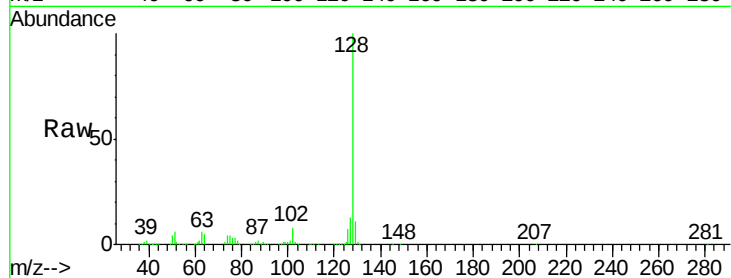
Tot Ion:128 Resp: 220735

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

